



1745

Attorney Docket No. 2000.120

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Shi, et al

Art Unit: 1745

Serial No. 10/621,234

Examiner:

Filed: July 15, 2003

For: HIGH MELT INTEGRITY BATTERY SEPARATOR
FOR LITHIUM ION BATTERIES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

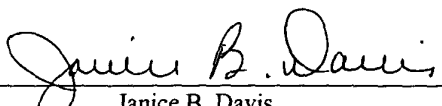
Dear Sir:

Pursuant to Rule 56 and Rule 97 et seq., Applicant hereby
submits Form PTO/SB/08a and the references listed thereon.

The relevancy of each reference is disclosed in the
specification.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient
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22313-1450, on September 16, 2003.



Janice B. Davis

Applicant respectfully requests that each reference be reviewed and made of reference in the instant application.

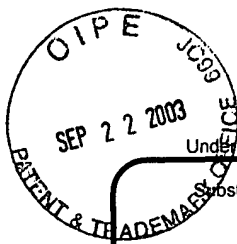
Respectfully submitted,



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/621,234
Filing Date	07/15/2003
First Named Inventor	Lie Shi
Art Unit	1745
Examiner Name	
Attorney Docket Number	2000.120

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,464,238	08/07/1984	Caldwell, et al	
		US- 4,650,730	03/17/1987	Lundquist, et al	
		US- 4,731,304	03/15/1988	Lundquist, et al	
		US- 5,240,655	08/31/1993	Troffkin, et al	
		US- 5,281,491	01/25/1994	Rein, et al	
		US- 5,565,281	10/15/1996	Yu, et al	
		US- 5,667,911	09/16/1997	Yu, et al	
		US- 5,952,120	09/14/1999	Yu, et al	
		US- 6,511,774	01/28/2003	Tsukuda, et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 307146/1995	11/23/1995	Ube Industries		X
		JP 8-250097	09/27/1996	Kureha Chemical Ind.		X
		JP 2642206	05/02/1997	Asahi Chemical Ind.		X
		UK 2298817	09/18/1996	Nitto Denki		X

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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